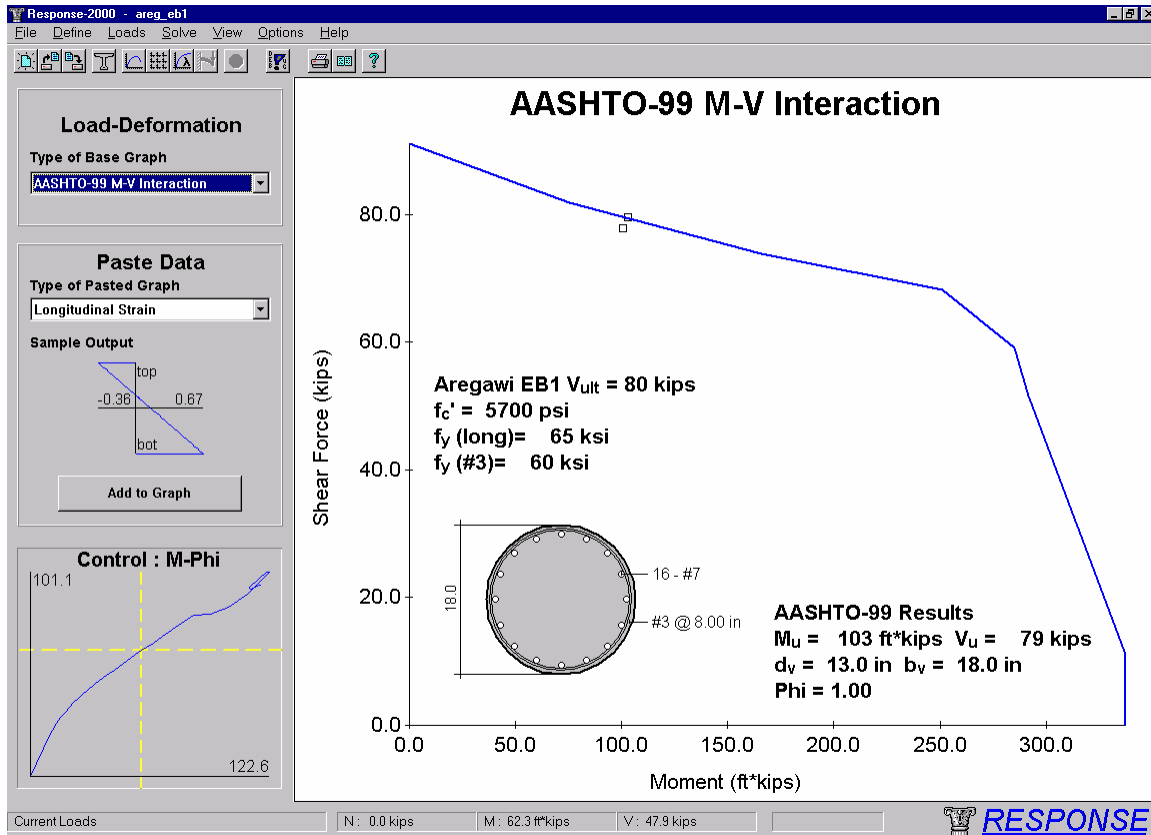


## Response-2000 Load Deformation Plots

The example below shows the screen of Response-2000 in the load-deformation plot mode. The figure shows the AASHTO-99 moment-shear interaction diagram for a column tested at the University of Toronto in the 1970's by Aregawi<sup>24</sup>. This figure contains a great deal of information and so will be explained in detail.



## Response-2000 Interface Issues

This page of results is selected with the toolbar icon with the lambda ( $\lambda$  – signifying load factor) beside the little 9-plot icon or from the “View | Load Deformation Plot” menu.

The background plot is selected in the top left of the screen. Currently it is selected to the AASHTO-99 LRFD M-V interaction diagram. Below that option is the “Paste Data” section that allows selection of which plots to paste onto the plot. The figure at the start of the section showing cracked shell elements on the main figure was prepared this way with Shell-2000. Currently selected is the longitudinal strain profile, with the current levels controlled by the control plot below. Pressing the “add to graph” button would paste the picture on the main figure where it could be moved and resized.

The main figure contains a pair of text-boxes as well as a diagram of the element. The element picture is pasted on via the “Options | Insert Beam Diagram” menu option. By right clicking on the figure, the dimension text may be resized and copied to the